Trainer Paket S7-1512C-1 PN +DP (E6.6.3.21)

E6.6.3

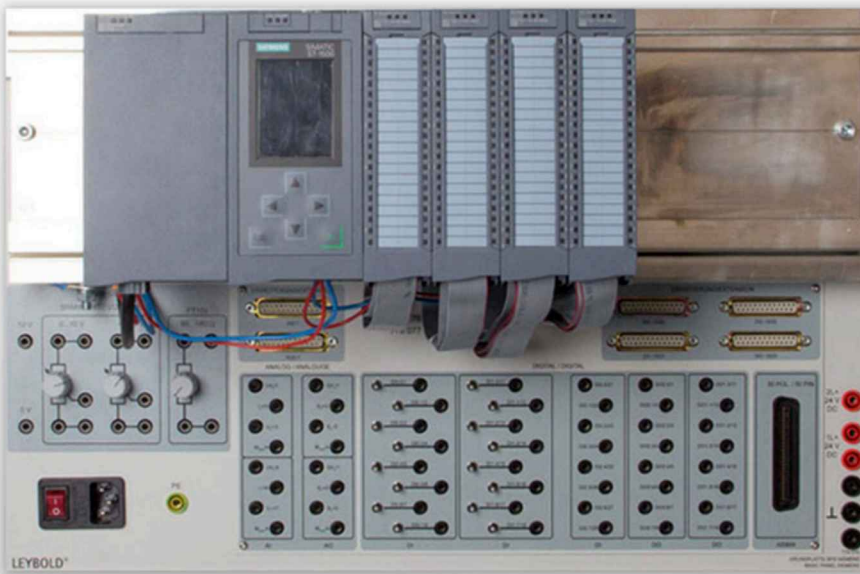### PLC & PROCESS VISUALISATION

E6.6.3.2
Basic Package
S7-1512C-1 PN +DP

E6.6.3.21
Trainer Package
PLC S7-1512C-1 PN +DP

Cat. No.	Description	E6.6.3.2	E6.6.3.21
773 070	Basic Panel Siemens	1	
773 073	Assembly set PLC S7-1512	1	
8-1 012027-000-10-0	Siemens HMI TP700	1*	1*
773 091	Simatic Step 7 Prof. Training 1x	1*	
726 10	Panel frame T150, two-level	1*	1*
500 59	Safety bridging plugs, black, set of 10	1*	1*
689 3000	RJ45 crossover Cable 2m	1*	
773 050	ASIMA Plant Simulator II	1*	1*
700 00CBT	DVD: COM3LAB Software	1*	1*
773 075	Simatic PLC S7-1512C-1 PN +DP TP		1
	A selection of 33 masks can be found in E6.7.1.3.	1	1

PLC & Process Visualisation

Equipment set E6.6.3.2

This course familiarises students with the most important functions of a stored program control (SPC). The basic package for the Siemens SPC S7-1512C-1 PN+DP contains only the assembly components and accessories. The SPC is not included in the kit.

Equipment set E6.6.3.21

This course familiarises students with the most important functions of a stored program control (SPC). The trainer package for Siemens SPC S7-1512C-1 PN+DP contains assembly parts and accessories including the necessary SPC.

Educational objectives
- Operating the SPC
- Creating programs
- Learn logistics and control functions
- Testing the programs

Topics
- Programming of an SPC
- Programming method KOP, FUP, AWL, S7-GRAPH
- Expanded program structure
- Logic connections
- Timer and clock timer functions
- etc.

Experiments require the Siemens software TIA Portal to create programs.
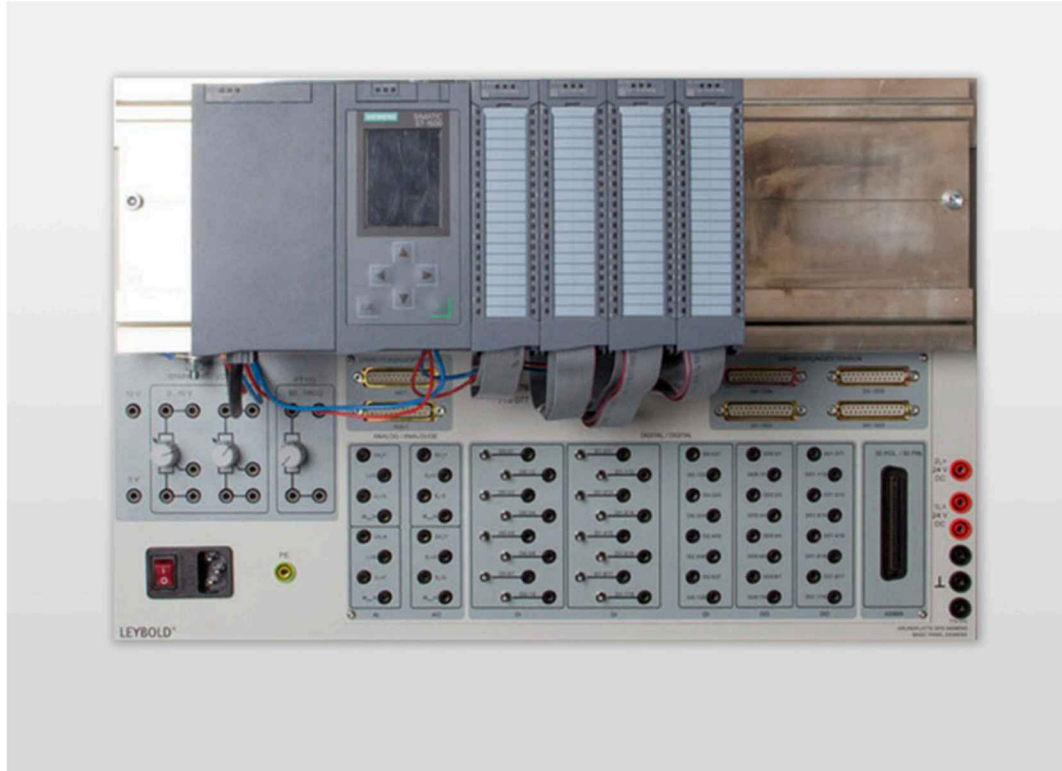The equipment can require additional software modules.

E6.6.3

PLC & PROCESS VISUALISATION

E6.6.3.3
Basic Package
S7-1516 PN/DP

E6.6.3.31
Trainer Package
PLC S7-1516 PN/DP

Basic Package S7-1516 PN/DP (E6.6.3.3)

Cat. No.	Description	E6.6.3.3	E6.6.3.31
773 070	Basic Panel Siemens	1	
773 078	Assembly set PLC S7-1516	1	
8-1 012027-000-10-0	Siemens HMI TP700	1*	1*
773 091	Simatic Step 7 Prof. Training 1x	1*	
726 10	Panel frame T150, two-level	1*	1*
500 59	Safety bridging plugs, black, set of 10	1*	1*
689 3000	RJ45 crossover Cable 2m	1*	
773 050	ASIMA Plant Simulator II	1*	1*
700 00CBT	DVD: COM3LAB Software	1*	1*
773 077	Simatic S7-1516 PN/DP TP		1
	A selection of 33 masks can be found in E6.7.1.3.	1	1

* additionally recommended

PLC & Process Visualisation

Equipment set E6.6.3.3

This course familiarises students with the most important functions of a stored program control (SPC). The basic package for the Siemens SPC S7-1516-3 PN/DP contains only the assembly components and accessories. The SPC is not included in the kit.

Equipment set E6.6.3.31

This course familiarises students with the most important functions of a stored program control (SPC). The trainer package for Siemens SPC S7-1516-3 PN/DP contains assembly parts and accessories including the necessary SPC.

Educational objectives
• Operate the SPC
• Create programs
• Learn logistics and control functions
• Test the programs
• Set up the network connections for Profi-Net and Profi-Bus / DP

Topics
• Programming of an SPC
• Programming method LAD, SFC, STL, S7-GRAPH
• Expanded program structure
• Logic connections
• Timer and time switch functions, fast counter
• etc.

Experiments require the Siemens software TIA Portal to create programs.
The equipment can require additional software modules.